



[4910-13-P]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2016-6895; Directorate Identifier 2015-NM-068-AD]

RIN 2120-AA64

Airworthiness Directives; Fokker Services B.V. Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: We propose to adopt a new airworthiness directive (AD) for certain Fokker Services B.V. Model F.28 airplanes. This proposed AD prompted by reports indicating that the main landing gear (MLG) could not be extended and locked down during approach. This proposed AD would require a detailed inspection of the restrictor check valve filter screens to detect any degraded or failed filter screens, and installation of serviceable parts. We are proposing this AD to detect and correct any degraded or failed filter screens. This condition, if not corrected, could prevent MLG extension and lock-down and result in an emergency landing with consequent injury to occupants and damage to the airplane.

DATES: We must receive comments on this proposed AD by [INSERT DATE 45 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER].

ADDRESSES: You may send comments, using the procedures found in 14 CFR 11.43 and 11.45, by any of the following methods:

- Federal eRulemaking Portal: Go to <http://www.regulations.gov>. Follow the instructions for submitting comments.

- Fax: 202-493-2251.

- Mail: U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE., Washington, DC 20590.

- Hand Delivery: Deliver to Mail address above between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

For service information identified in this NPRM, contact Fokker Services B.V., Technical Services Dept., P.O. Box 1357, 2130 EL Hoofddorp, the Netherlands; telephone +31 (0)88-6280-350; fax +31 (0)88-6280-111; email technicalservices@fokker.com; Internet <http://www.myfokkerfleet.com>. You may view this referenced service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

Examining the AD Docket

You may examine the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2016-6895; or in person at the Docket Management Facility between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this proposed AD, the regulatory evaluation, any comments received, and other information. The street address for the Docket Operations

office (telephone 800-647-5527) is in the ADDRESSES section. Comments will be available in the AD docket shortly after receipt.

FOR FURTHER INFORMATION CONTACT: Tom Rodriguez, Aerospace Engineer, International Branch, ANM-116, Transport Airplane Directorate, FAA, 1601 Lind Avenue SW., Renton, WA 98057-3356; telephone 425-227-1137; fax 425-227-1149.

SUPPLEMENTARY INFORMATION:

Comments Invited

We invite you to send any written relevant data, views, or arguments about this proposed AD. Send your comments to an address listed under the ADDRESSES section. Include “Docket No. FAA-2016-6895; Directorate Identifier 2015-NM-068-AD” at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this proposed AD. We will consider all comments received by the closing date and may amend this proposed AD based on those comments.

We will post all comments we receive, without change, to <http://www.regulations.gov>, including any personal information you provide. We will also post a report summarizing each substantive verbal contact we receive about this proposed AD.

Discussion

The European Aviation Safety Agency (EASA), which is the Technical Agent for the Member States of the European Union, has issued EASA Airworthiness Directive 2015-0077, dated May 6, 2015 (referred to after this as the Mandatory Continuing

Airworthiness Information, or “the MCAI”), to correct an unsafe condition for certain

Fokker Services B.V. Model F.28 airplanes. The MCAI states:

Two occurrences were reported concerning two different aeroplanes, where during approach, after selecting landing gear down, one of the main landing gears (MLG) could not be extended and locked down. In both cases, subsequent investigation revealed that the filter screen of the corresponding restrictor check valve (integrated in a hydraulic hose assembly) was broken, and debris inside the restrictor check valve was blocking the return flow from the affected MLG actuator. Additional inspection of the fleet of the operator involved revealed more damaged or failed filter screens.

This condition, if not detected and corrected, could prevent MLG extension and lock-down, possibly resulting in an emergency landing with consequent damage to the aeroplane and injury to occupants.

To address this unsafe condition, Fokker Services published SBF28-32-164 and SBF100-32-166 to provide instructions for removal of the affected hydraulic hoses (including the restrictor check valve) to be inspected in-shop, and for installation of serviceable parts. Fokker Services also published Component SB CSB-32-026 to provide those in-shop inspection instructions to detect any damaged filter screen.

For the reasons described above, this [EASA] AD requires a one-time removal of the landing gear hydraulic hoses for the purpose of an in-shop inspection of the affected restrictor check valves filter screens and, depending on findings, re-installation, or replacement of the affected hose(s) with a serviceable part.

This [EASA] AD is considered to be an interim action to detect any degraded or failed filter screens and remove them from service and to collect additional data; further [EASA] AD action may follow. More information on this subject can be found in Fokker Services All Operators Messages AOF28.041 and AOF100.189#02.

You may examine the MCAI in the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2016-6895.

Related Service Information under 1 CFR part 51

We reviewed Fokker Services B.V. has issued the following service information, which describe procedures for the replacement of hydraulic hose assemblies.

- Fokker Service Bulletin SBF28-32-164, dated January 14, 2015.
- Fokker Service Bulletin SBF100-32-166, dated January 14, 2015.

This service information is reasonably available because the interested parties have access to it through their normal course of business or by the means identified in the ADDRESSES section.

FAA's Determination and Requirements of this Proposed AD

This product has been approved by the aviation authority of another country, and is approved for operation in the United States. Pursuant to our bilateral agreement with the State of Design Authority, we have been notified of the unsafe condition described in the MCAI and service information referenced above. We are proposing this AD because we evaluated all pertinent information and determined an unsafe condition exists and is likely to exist or develop on other products of these same type design.

Costs of Compliance

We estimate that this proposed AD affects 8 airplanes of U.S. registry.

We also estimate that it would take about 1 work-hour per product to comply with the basic requirements of this proposed AD, and 1 work-hour per product for reporting. The average labor rate is \$85 per work-hour. Required parts would cost about \$3,100 per

product. Based on these figures, we estimate the cost of this proposed AD on U.S. operators to be \$26,160, or \$3,270 per product.

Paperwork Reduction Act

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB control number. The control number for the collection of information required by this proposed AD is 2120-0056. The paperwork cost associated with this proposed AD has been detailed in the Costs of Compliance section of this document and includes time for reviewing instructions, as well as completing and reviewing the collection of information. Therefore, all reporting associated with this proposed AD is mandatory. Comments concerning the accuracy of this burden and suggestions for reducing the burden should be directed to the FAA at 800 Independence Ave., SW, Washington, DC 20591, ATTN: Information Collection Clearance Officer, AES-200.

Authority for this Rulemaking

Title 49 of the United States Code specifies the FAA's authority to issue rules on aviation safety. Subtitle I, section 106, describes the authority of the FAA Administrator. "Subtitle VII: Aviation Programs," describes in more detail the scope of the Agency's authority.

We are issuing this rulemaking under the authority described in "Subtitle VII, Part A, Subpart III, Section 44701: General requirements." Under that section, Congress

charges the FAA with promoting safe flight of civil aircraft in air commerce by prescribing regulations for practices, methods, and procedures the Administrator finds necessary for safety in air commerce. This regulation is within the scope of that authority because it addresses an unsafe condition that is likely to exist or develop on products identified in this rulemaking action.

Regulatory Findings

We determined that this proposed AD would not have federalism implications under Executive Order 13132. This proposed AD would not have a substantial direct effect on the States, on the relationship between the national Government and the States, or on the distribution of power and responsibilities among the various levels of government.

For the reasons discussed above, I certify this proposed regulation:

1. Is not a “significant regulatory action” under Executive Order 12866;
2. Is not a “significant rule” under the DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979);
3. Will not affect intrastate aviation in Alaska; and
4. Will not have a significant economic impact, positive or negative, on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

The Proposed Amendment

Accordingly, under the authority delegated to me by the Administrator, the FAA proposes to amend 14 CFR part 39 as follows:

PART 39 - AIRWORTHINESS DIRECTIVES

1. The authority citation for part 39 continues to read as follows:

Authority: 49 U.S.C. 106(g), 40113, 44701.

§ 39.13 [Amended]

2. The FAA amends § 39.13 by adding the following new airworthiness directive (AD):

Fokker Services B.V.: Docket No. FAA-2016-6895; Directorate Identifier 2015-NM-068-AD.

(a) Comments Due Date

We must receive comments by [INSERT DATE 45 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER].

(b) Affected ADs

None.

(c) Applicability

This AD applies to Fokker Services B.V. airplanes, certificated in any category, as identified in paragraphs (c)(1) and (c)(2) of this AD.

(1) Model F.28 Mark 0070 and Mark 0100 airplanes, all serial numbers (S/Ns).

(2) Model F.28 Mark 1000, 2000, 3000, and 4000 airplanes, S/Ns 11003 through 11110 inclusive and S/N 11992, modified in service as specified in Fokker Service Bulletin SBF28-32-123; and S/Ns 11111 through 11241 inclusive.

(d) Subject

Air Transport Association (ATA) of America Code 32, Landing Gear.

(e) Reason

This AD was prompted by reports indicating that the main landing gear (MLG) could not be extended and locked down during approach. We are issuing this AD to detect and correct any degraded or failed filter screens. This condition, if not corrected, could prevent MLG extension and lock-down and result in an emergency landing with consequent injury to occupants and damage to the airplane.

(f) Compliance

Comply with this AD within the compliance times specified, unless already done.

(g) Inspection

Within 18 months after the effective date of this AD, do a detailed inspection of the restrictor check valve filter screens to detect any degraded or failed filter screens including dents and missing wire, and install serviceable parts (hydraulic hose assemblies), in accordance with the Accomplishment Instructions of Fokker Service Bulletin SBF28-32-164, dated January 14, 2015 (for Model F.28 Mark 1000, 2000, 3000, and 4000 airplanes); or SBF100-32-166, dated January 14, 2015 (for Model F.28 Mark 0070 and 0100 airplanes); as applicable. Any affected hydraulic hose assembly must be replaced before further flight after the inspection.

(h) Serviceable Part

For the purpose of this AD, a serviceable part is a part number (P/N) 97867-1 or P/N 97867-3 hydraulic hose assembly (including the restrictor check valve) that has not previously been installed on an airplane, or a P/N 97867-1 or P/N 97867-3 hydraulic hose assembly (including the restrictor check valve) that has passed an inspection as specified in Fokker Services Component Service Bulletin CSB-32-026.

(i) Parts Installation Prohibition

As of the effective date of this AD, no person may install a replacement P/N 97867-1 or P/N 97867-3 hydraulic hose assembly on an airplane, unless the hydraulic hose assembly is a serviceable part as defined in paragraph (h) of this AD.

(j) Reporting Requirements

At the applicable time specified in paragraph (j)(1) or (j)(2) of this AD, submit a report of the results (including no findings) of the inspection required by paragraph (g) of this AD. Send the report to Fokker Services B.V., Technical Services, Service Engineering, P.O. Box 1357, 2130 EL Hoofddorp, The Netherlands, email technicalservices@fokker.com. The report must include the type of damage found and airplane flight cycles and also any no findings.

(1) If the inspection was done on or after the effective date of this AD: Submit the report within 30 days after the inspection.

(2) If the inspection was done before the effective date of this AD: Submit the report within 30 days after the effective date of this AD.

(k) Other FAA AD Provisions

The following provisions also apply to this AD:

(1) Alternative Methods of Compliance (AMOCs): The Manager, International Branch, ANM-116, Transport Airplane Directorate, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. In accordance with 14 CFR 39.19, send your request to your principal inspector or local Flight Standards District Office, as appropriate. If sending information directly to the International Branch, send it to ATTN: Tom Rodriguez, Aerospace Engineer, International Branch, ANM-116, Transport Airplane Directorate, FAA, 1601 Lind Avenue SW., Renton, WA 98057-3356; telephone 425-227-1137; fax 425-227-1149. Information may be emailed to: 9-ANM-116-AMOC-REQUESTS@faa.gov. Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local flight standards district office/certificate holding district office. The AMOC approval letter must specifically reference this AD.

(2) Contacting the Manufacturer: For any requirement in this AD to obtain corrective actions from a manufacturer, the action must be accomplished using a method approved by the Manager, International Branch, ANM-116, Transport Airplane Directorate, FAA; or the European Aviation Safety Agency (EASA); or Fokker B.V. Service's EASA Design Organization Approval (DOA). If approved by the DOA, the approval must include the DOA-authorized signature.

(3) Reporting Requirements: A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure

to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2120-0056. Public reporting for this collection of information is estimated to be approximately 5 minutes per response, including the time for reviewing instructions, completing and reviewing the collection of information. All responses to this collection of information are mandatory. Comments concerning the accuracy of this burden and suggestions for reducing the burden should be directed to the FAA at: 800 Independence Ave. SW, Washington, DC 20591, Attn: Information Collection Clearance Officer, AES-200.

(I) Related Information

(1) Refer to Mandatory Continuing Airworthiness Information (MCAI) European Aviation Safety Agency (EASA) Airworthiness Directive 2015-0077, dated May 6, 2015, for related information. This MCAI may be found in the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2016-6895.

(2) For service information identified in this AD, contact Fokker Services B.V., Technical Services Dept., P.O. Box 1357, 2130 EL Hoofddorp, the Netherlands; telephone +31 (0)88-6280-350; fax +31 (0)88-6280-111; email technicalservices@fokker.com; Internet <http://www.myfokkerfleet.com>. You may view this service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

Issued in Renton, Washington, on May 17, 2016.

Dionne Palermo,
Acting Manager,
Transport Airplane Directorate,
Aircraft Certification Service.

[FR Doc. 2016-12521 Filed: 5/31/2016 8:45 am; Publication Date: 6/1/2016]